

***Interactive comment on*** “**Brief Communication:  
Measuring Rock Decelerations and Rotation  
Changes During Short Duration Ground Impacts**”  
**by Andrin Caviezel and Werner Gerber**

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Received and published: 4 July 2018

Dear F. Noël,

thank you very much for your positive review.

We amended the manuscript according to your suggestions. The specific comments are addressed. p.2 line 19: Foremost, we want to show how future experiments might have to be designed in order to gather data for calibration of constitutive relationship for dynamic rockfall models. This is now also expressed in the manuscript.

We agree, that more comparison with COR models is necessary to conclude in the

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earlier fashion. Thus we decided to remove the last paragraph for the time being and address comparisons in future work.

The small technical corrections have been performed.

Please also note the supplement to this comment:

<https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2018-89/nhess-2018-89-SC1-supplement.pdf>

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2018-89>, 2018.